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FIGURE 3

5' GAATCCTCGAGGAGTTCACATTGTAAGTTTTCAACTACGTTGTAGACTAGATCTCTTAAGGTAGCTT Bglll I-Ppol restriction site

Spacer Xhol

OmpA promoter

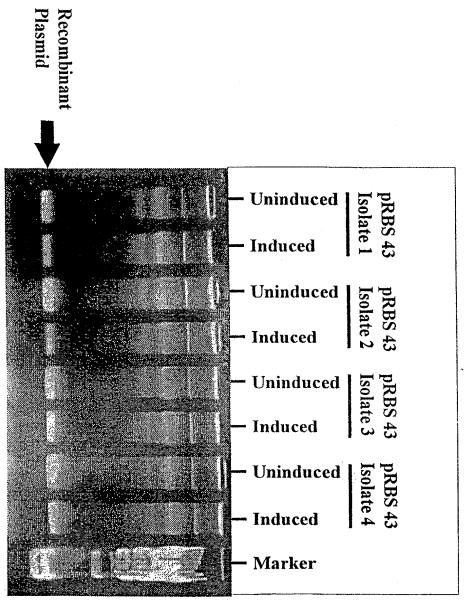
GTCGTCTAGTCTGATGAGTCCGTGAGGACGAACTCCCAGCACACATAACCCCTTGGGGCCTCTAAACGG Region 356-345

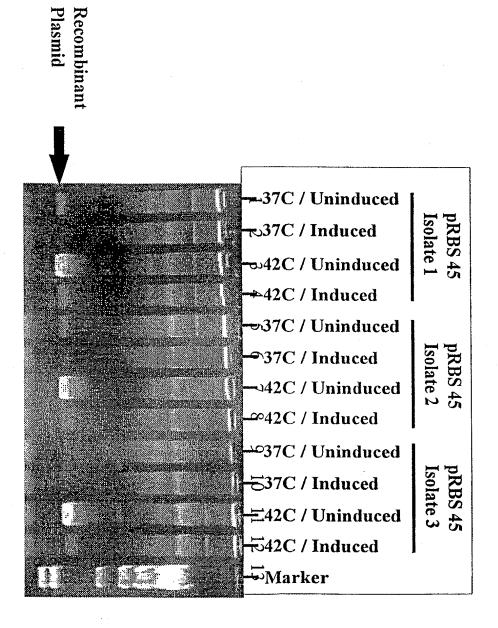
T7 Transcription terminator

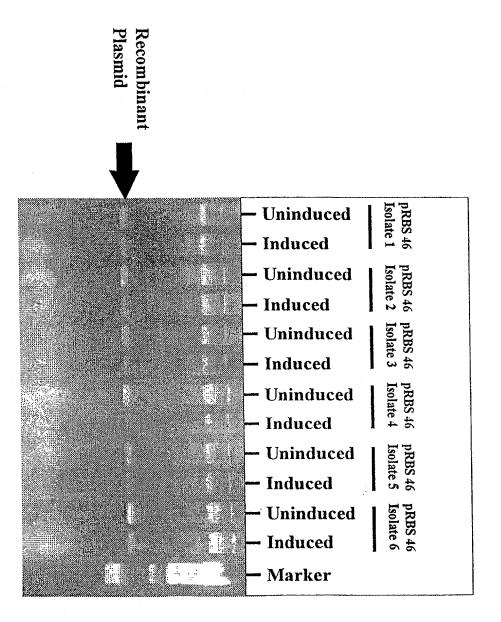
Ribozyme Catalytic region

Region 369-358

GTCTTGAGGGGTTTTTG1CGACAAGTC3' Spacer SalI



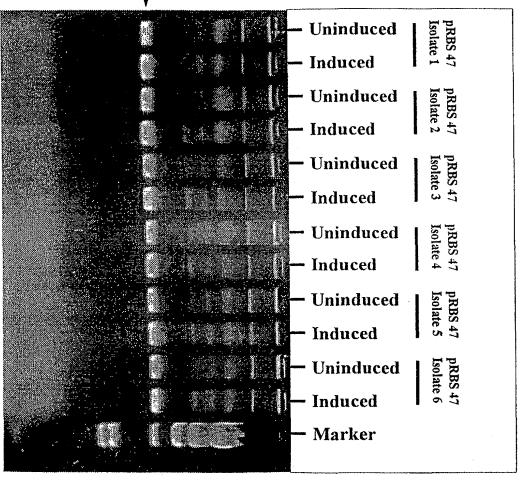




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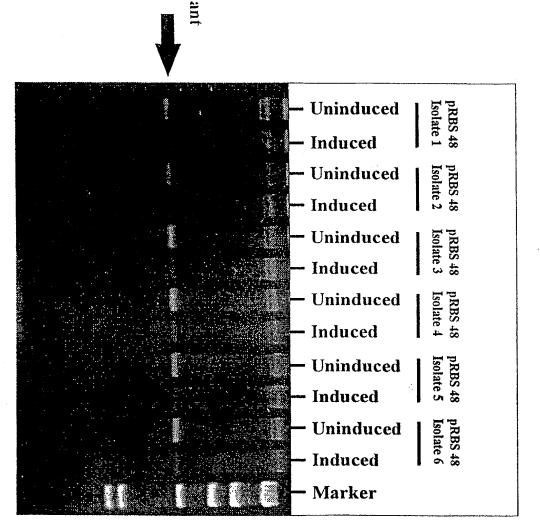
06St7/66 OM

Recombinant
Plasmid



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06\$77/66 OM

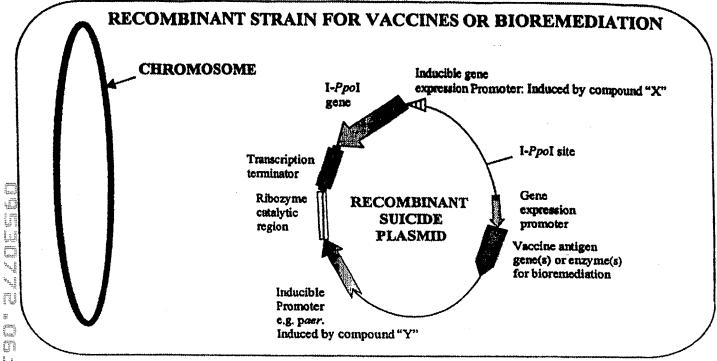


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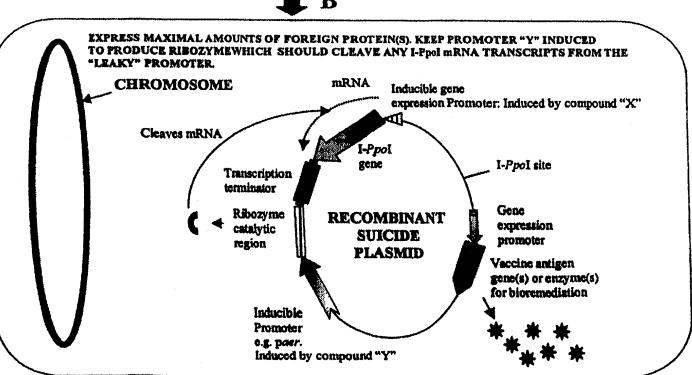
06\$+7/66 OM

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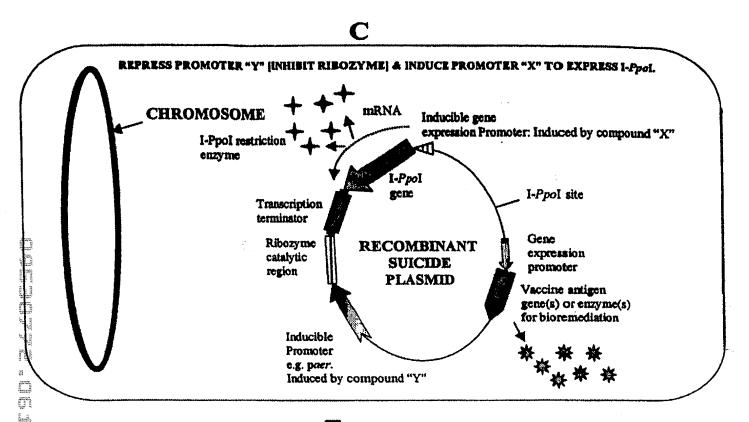


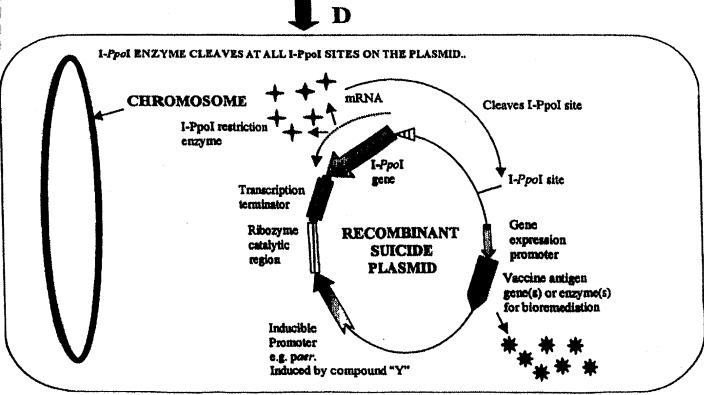




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FIGURE 9-CONTINUED





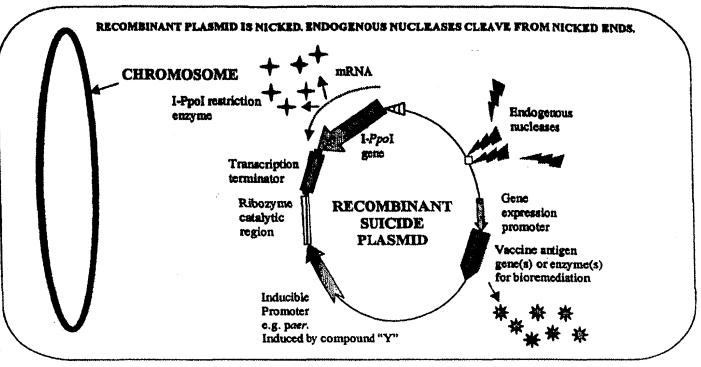
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FIGURE 9-CONTINUED

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RECOMBINANT PLASMID IS COMPLETELY ELIMINATED BUT THE CELLS STILL CARRY SUFFICIENT FOREIGN ANTIGEN. THE STRAIN CAN BE RELEASED AS A VACCINE OR FOR BIOREMEDIATION SINCE IT IS NO LONGER CONSIDERED AS "GENETICALLY ENGINEERED"



